Index of Claims

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/899,649      | ANDO ET AL.  |  |
| Examiner        | Art Unit     |  |
| John_Kim        | 1723         |  |

| √ | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| 4 | 4 | Appeal   |
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| Cla                                              | aim      | I        |          |                    | Date    |                  |          | ]::::: | Cla      | aim      |             | Date          | 1        |       | CI    | aim        |                |                     | С        | ate       |          |              |          |
|--------------------------------------------------|----------|----------|----------|--------------------|---------|------------------|----------|--------|----------|----------|-------------|---------------|----------|-------|-------|------------|----------------|---------------------|----------|-----------|----------|--------------|----------|
|                                                  |          | _        |          |                    |         |                  |          |        |          |          |             | $\top$        |          |       |       |            |                |                     |          |           |          | T            | П        |
| Final                                            | ii.      | ĺŠ       |          |                    |         |                  |          |        | a        | i.       |             |               |          |       | ত     | in a       |                |                     |          |           |          |              |          |
| iĒ                                               | Original | 8/27/04  |          |                    |         |                  |          |        | Final    | Original |             |               |          | 11111 | Final | Original   |                |                     |          |           | İ        |              |          |
| 1                                                |          | ~        |          |                    |         |                  |          |        |          | 0        |             |               |          |       |       | 0          |                |                     |          | Į         | ł        |              |          |
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|                                                  | 2        |          |          |                    |         |                  |          |        |          | 52       |             |               |          |       |       | 102        |                |                     |          | 寸         |          |              | П        |
|                                                  | 3        |          |          |                    |         |                  | П        |        |          | 53       |             |               |          |       |       | 103        |                |                     |          | T         |          | 1            | Ħ        |
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|                                                  | 6        |          |          |                    |         |                  |          |        |          | 56       |             |               |          |       |       | 106        |                |                     |          |           |          |              |          |
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|                                                  | 8        |          |          |                    | L       |                  |          |        |          | 58       |             |               |          |       |       | 108        |                |                     |          |           |          | Т            |          |
|                                                  | 9        |          |          |                    | $\perp$ |                  |          |        |          | 59       |             |               |          |       |       | 109        |                |                     |          |           |          | 1            | П        |
|                                                  | 10       |          |          | $\perp \perp$      |         |                  |          |        |          | 60       |             |               |          |       |       | 110        |                |                     |          |           |          | T            |          |
|                                                  | 11       | <u>_</u> |          |                    |         |                  |          |        |          | 61       |             |               |          |       |       | 111        |                |                     |          |           |          |              |          |
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|                                                  | 14       | _        |          | $\perp \perp$      |         |                  | _        |        |          | 64       |             |               |          |       |       | 114        |                |                     |          | $\Box$    |          | L            |          |
|                                                  | 15       |          |          | $\sqcup$           |         | $\bot$           | 1        |        |          | 65       |             |               |          |       |       | 115        |                |                     |          |           |          |              |          |
| L                                                | 16       | <u> </u> |          | $\sqcup$           |         | $\bot\bot$       | _        |        |          | 66       |             | 11            |          |       |       | 116        |                |                     |          | $\Box$    |          | $\perp$      |          |
|                                                  | 17       | ļ        | <u> </u> | $\bot \bot$        |         | +                | _        | :::::  |          | 67       |             |               |          |       |       | 117        |                |                     |          | $_{ m I}$ |          | L            |          |
| ļi                                               | 18       | ļ        |          | 4                  |         |                  |          |        |          | 68       |             |               |          |       |       | 118        |                |                     |          |           |          |              |          |
|                                                  | 19       |          | $\perp$  | $\sqcup$           |         | 4                | _        |        |          | 69       |             |               |          |       |       | 119        |                |                     |          |           |          |              |          |
|                                                  | 20       |          | <u> </u> | $\sqcup$           |         | 4-4-             | _        |        |          | 70       |             |               | _        |       |       | 120        |                |                     |          |           |          |              |          |
|                                                  | 21       |          |          | $\perp \perp$      | _       | $\bot$           | _        |        |          | 71       |             |               |          |       |       | 121        |                |                     |          |           |          |              |          |
|                                                  | 22       |          |          |                    |         | $\bot$           | <u> </u> |        |          | 72       |             |               |          |       |       | 122        |                |                     |          |           |          |              |          |
|                                                  | 23       | _        | $\perp$  | 1                  | $\perp$ |                  |          |        |          | 73       |             |               |          |       |       | 123        |                |                     |          |           |          |              |          |
|                                                  | 24       |          | _ _      | $\perp$            |         | $\perp$          | _        |        |          | 74       |             |               |          |       |       | 124        | $\perp$        |                     |          |           |          |              |          |
|                                                  | 25       |          |          | -                  | -       |                  | _        |        |          | 75       |             | $\bot$        | _        |       |       | 125        |                |                     |          |           |          |              |          |
|                                                  | 26       | 11       |          | $\sqcup$           | _       |                  | ļ.,      |        |          | 76       |             | $\perp$       | _        |       |       | 126        | _  _           |                     |          |           |          |              |          |
| $\vdash$                                         | 27       | =        |          | 1-1                |         |                  | <u> </u> |        |          | 77       |             | $\perp$       | _ - -    |       |       | 127        |                | Ш                   |          | $\perp$   |          | L            |          |
|                                                  | 28       |          |          | $\vdash$           |         |                  | _        |        |          | 78       |             | $\perp$       |          | _     |       | 128        |                |                     |          |           |          |              | Ш        |
|                                                  | 29       | =        |          | ╂                  | +       | 4-1-             | -        |        |          | 79       |             |               |          | _     |       | 129        |                |                     | _        | $\perp$   |          |              | Ш        |
|                                                  | 30       | +        |          |                    | _       | 1                | <u> </u> |        |          | 80       |             | $\perp \perp$ |          |       |       | 130        |                | $\sqcup$            |          | _         |          | <u> </u>     | Ш        |
|                                                  | 31       | 4        |          | $\sqcup$           |         |                  | _        | ١      |          | 81       |             | $\perp$       |          | _     |       | 131        |                |                     | _        |           |          |              | Ш        |
| $\vdash$                                         | 32       | +        | _ _      | 1-1                |         |                  | ــــ     |        |          | 82       |             | 4 +           | $\perp$  | _     |       | 132        | _ _            | Ш                   |          | _         | _ _      |              |          |
| $\vdash$                                         | 33       | 4        |          | ₩                  | -       | +                | ⊢-       |        |          | 83       |             | +             |          | _     |       | 133        | _ _            | Ш                   |          | $\perp$   | $\perp$  | $oxed{oxed}$ | Ш        |
| $\vdash\vdash\vdash$                             | 34<br>35 | Ė        |          | +                  | +       | +                | <u> </u> |        |          | 84       | +           | +             | $\dashv$ | _     |       | 134        |                | $\sqcup$            | _        | _         | $\perp$  |              | Ш        |
| $\vdash\vdash\vdash$                             | 36       | -        | -        | +                  | +       |                  | +-       |        |          | 85       | +++         | +             |          | - 1   |       | 135        |                |                     | _        | _         | _        | <b> </b>     | Ш        |
| $\vdash$                                         | 37       | -        | +        | +                  |         | ++               | $\vdash$ |        |          | 86       | -           | ++            | +        | _     |       | 136        | _              | $\sqcup$            | $\dashv$ | $\perp$   | +        | <b> </b>     | Щ        |
|                                                  | 38       | 7        | +-       | ╁─┼                | +-      | ++-              | $\vdash$ |        |          | 87       |             | ++            |          |       |       | 137        | _              | $\sqcup$            | _        | $\perp$   | - -      | <u> </u>     | Щ        |
| $\vdash$                                         | 39       | 7        |          | ╁╌┼                | +       | +-               | -        |        |          | 88       |             | ++            |          | _     |       | 138        | _              | $\vdash \vdash$     |          | 4         | <u> </u> | $\perp$      |          |
| $\vdash$                                         | 40       | V        | $\dashv$ | $\vdash \vdash$    |         | ++               | -        | -      |          | 89       | +++         | ++            | + + +    |       |       | 139        | _              | $\vdash$            | $\dashv$ | -         | _        | 1-           | Щ        |
|                                                  |          | V        |          |                    | +       | +                | $\vdash$ | -      |          | 90<br>91 | +++         | ++            | +        |       |       | 140        |                | $\vdash$            |          | +         |          |              | Щ        |
| $\vdash \vdash \vdash$                           | 42       | V        |          | +-+                | +       | +-+              |          |        |          | 92       |             | +             | +++      |       |       | 141        |                | -                   | -        |           |          | _            | $\sqcup$ |
| <del>  </del>                                    | 43       | <u> </u> | +        | <del>  -</del>     | +       | +                | -        |        |          | 93       |             | ++            |          |       |       | 142        | $\dashv$       | $\vdash$            | $\perp$  | -         | +        |              | Н        |
| $\vdash$                                         | 44       | -        |          | ++                 | +       | +                | $\vdash$ | -      | $\dashv$ | 94       |             | ++            |          |       |       | 143        |                | $\dashv$            | +        | -         | -        | <u> </u>     | Щ        |
| <del>                                     </del> | 45       | $\dashv$ | +        | 1-1                | -       | +                | -        |        |          | 95       | +++         | +             |          |       |       | 144        | +              |                     | $\dashv$ |           | +-       | H            | Щ        |
| $\vdash$                                         | 46       |          | +        | +-+                | +       | +                | H        | -      | -+       | 96       |             | +-+           |          |       |       | 145        | -              | $\vdash \vdash$     | -        |           |          | Н            | $\Box$   |
| ├──┤                                             | 47       | -        | +        | ++                 | -       | ++               | $\vdash$ |        | - +      | 96       | <del></del> | +-+           | +        |       |       | 146        |                | $\vdash \downarrow$ | $\dashv$ | +         | +-       | $\vdash$     | Щ        |
|                                                  | 48       | $\dashv$ |          | $\vdash$           | -       | <del>    -</del> | $\vdash$ | 1      |          | 98       |             | +             | +        |       |       | 147        | $\dashv$       | $\vdash$            | +        | - -       |          | $\vdash$     | _        |
| ┝─┤                                              | 49       | $\dashv$ |          |                    |         |                  | $\vdash$ | ŀ      | -+       | 99       |             | ++            |          | -     |       | 148<br>149 | $\dashv\dashv$ | $\vdash$            | -        | +         |          | Н            |          |
|                                                  | 50       | -        |          |                    | +       | +                | $\vdash$ | -      |          | 100      | +++         | ++            | + + +    | -     |       | 150        |                | $\vdash$            | $\dashv$ | +         | $\dashv$ | $\vdash$     | $\dashv$ |
|                                                  | -55      | 1        |          | Щ.                 |         |                  | ш        | ::::[  |          | 100      | LL          |               |          |       | !     | 100        |                | ot                  |          | L         | _L.      |              |          |